5/24

Ref:

DART AEROSPACE LTD

Description: Wheel Assembly

Dwg: D3233 Rev. B

05.01.12

05.03.03

New issue

Made in house

D3233-041

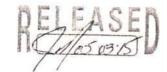
Page 1 of 1

Work Order:

Part Number:

Qty:

Step	Location	Procedure	Ву	Date	Qty
1	DC	Issue Traveler	#	85.06.16	8
2	MFA # 15.06.27	Pick: Qty Part Number Description Batch 2 I D3233-7 Shaft Sleeve B23002 1 D3233-9 Tire & Rim Assembly B23003B 2 I D3233-5 Hub Sleeve B23001B 3 E NKI 30/20 Bearing & Inner Sleeve M17346 3 E Shim Stock 0.004" thick Brass Shim Stock M17346 4 Z 35x45x7 Axel Seal M17346 or CR 35x45x7 HMS4 R MS4 R	CPL	osloch	3/3
3	MFA	Press out bearings that are supplied with D3233-9 wheel and discard them.		05/06/2	313
4	MFA	Cut shims and assemble as per Dwg D3233	OH 1	39/06/2	13
5	MFA	Spray inside hub and bearing with LPS-3 & block hole with a clean dry rag for storage.	OPI_	05/04	28/3
6	QC5	Inspect work to Step 5	9	05-06-2	3/3
7	ST	Identify and Stock	CP/	05,07,	11 /3
8	AC	Cost / part: 203.35	AR	oskala	5 13
9	DC	Close W/O /6/48 Inspect Level 21	9	05/87/1	2 13
Rev	Date	Change	Revise	d By Ap	proved



KJ/JLM

KJ/JLM

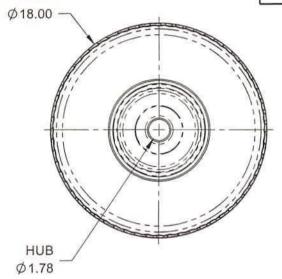
Dart Aerospace Ltd

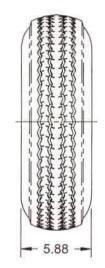
W/O:			WO	RK ORDER CHANGES					
DATE	STEP	PR	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector
ī									
NCR:			WORK ORDE	R NON-CONFORMAN	CE (NC	R)			
DATE		Description of NC	Corrective Action Section B			Vorifi	Verification Approval		Annroval
	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign Date	& Sec	tion C	Approval Design Mgr	Approval QC Inspecto
D		D. D. #	5.46		Z 51			D . 1	
Part No	o:	PAR #:	Fault Category	: NCR:					
NOTE: F	ate & initial a	Il entries			A. NIC C	locad.		Date:	

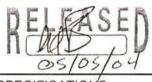
H:\forms\Quality Assurance\approved forms\NCRWO revC



DESIGN 3	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED	APPROXED D	DRAWING NO. D3233	REV. B	
DATE		TITLE	SCALE	
C	5.03.08	WHEEL ASSEMBLY	1:1	
A 05.02.18		NEW ISSUE		
B 05.03.08		ADDED BEARING SEALS		







P/N 13927 ENGINEERING

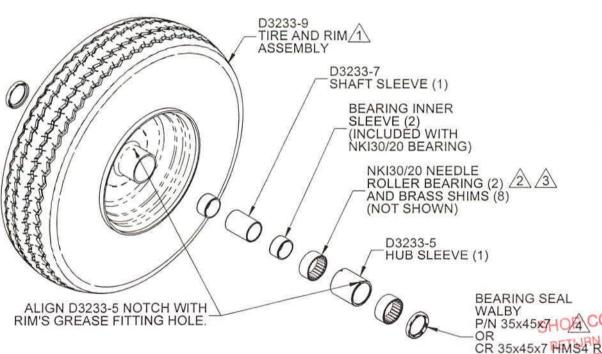
SUBJECT TO AMENDMENT

WITHOUT NOTICE

(2 PLACES)

WHEEL	SPECIFICAT	TIONS
SIZE	MAXIMUM LOAD	MAXIMUM INFLATATION LOAD
TIRE: 19.0 x 5.8 RIM: 5.70 x 8.0	910 LBS (RANGE C)	90 PSI*

* MANUFATURER'S RECOMENDATIONS ARE 75 PSI FOR HIGH SPEED USE.



D3233-041 WHEEL ASSEMBLY

NOTES:

1) POSSIBLE SUPPLIER: McMASTER-CARR, P/N 8353T74

2) POSSIBLE SUPPLIER: GENERAL BEARING

(4) 0.5 X 0.75 X 0.004 BRASS SHIMS PER BEARING, (1) AT EACH QUADRANTWORK ORDER POSSIBLE SUPPLIER: GENERAL BEARING 3) PRESS FIT NEEDLE ROLLER BEARINGS INTO RIM HUB WITH

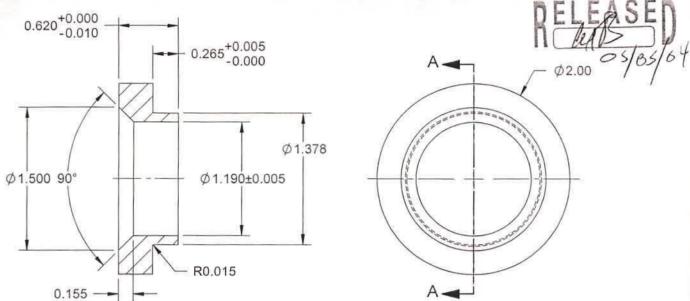
4) POSSIBLE SUPPLIER: GENERAL BEARING
5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

6) ALL DIMENSIONS ARE IN INCHES

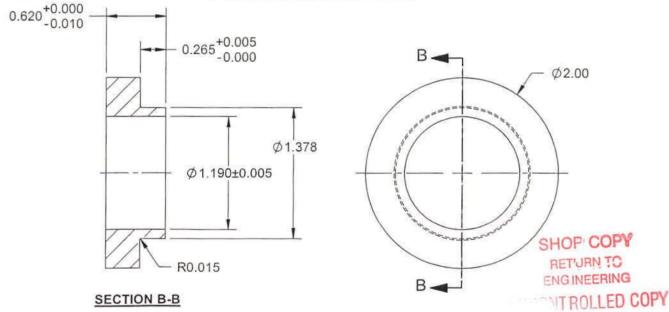
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SECTION A-A D3233-1 INSIDE WASHER



D3233-3 OUTSIDE WASHER

T TO AMENDMENT FIGUT NOTICE

NOTES:

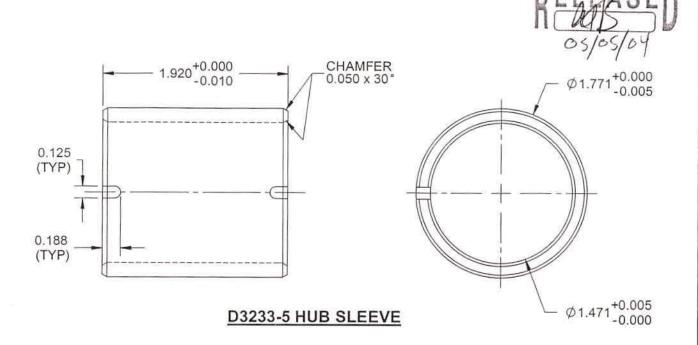
- WORK ORDER 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00 MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS (REF. DART SPEC. M1020TR)
 2) FINISH: POWDER COAT FIRE RED (REF. 4.3.5.10) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

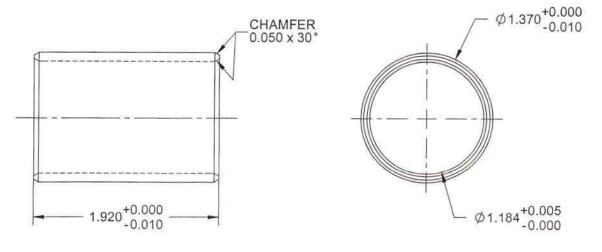
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1







D3233-7 SHAFT SLEEVE

SHOP COPY

RET'URN TO **ENGINEERING**

NOTES:

- 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM AST TROLLED COPY MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS OF AMENDMENT (REF. DART SPEC. M1020TR)
 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

- 3) ALL DIMENSIONS ARE IN INCHES 4) BREAK ALL SHARP EDGES 0.010 TO 0.030

WITH IOUT NOTICE

WORK ORDER

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Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Jun 16, 2005 08:04 am

Est Mark Up : 0.000% Actual Mark Up : 0.000%

Work Order No : 0023577

Project Name : D3233-041 Department Code:
Project For : WK524 Burden Flags : NNNNNNN
Work Order Type : Main WO Status : Open
Main WO Number : Invoice State : Not Invoiced
House Part Number : D3233-041 Invoice Date :
Description : Wheel Assembly Invoice Number :
Manufactured : Yes Invoice Amount : 0.00

Amount Req'd: 8
Amount Done: 0
Start Date: 06-15-05

Est Finish Date : 06-17-05

Act Finish Date : Drawings Reqd : No Ok for Approval :

Order Entry No : OE Value : 0.00

\$0 Posted to Finished Goods Approval Rec'd :

Estimated Actual Var. % Posted To Post _______

Labour Hrs/Amount Done : 0.00 0.00
Profits/(Loss) : 0.00 0.00